Application No. 09/972,268 Response dated 27 June 2003 Response to Office Action of 31 Dec 2002

Amendments to the Specification:

Please replace the paragraph beginning at page 6, line 15, with the following rewritten paragraph:

-- Particularly conserved regions and amino acid residues common to nectin polypeptides were identified by aligning nectin polypeptide sequences with each other and additional closely-related members of the nectin-Ig superfamily of proteins. The amino acid sequence of nectin-3α and nectin-4 (SEQ ID Nos: 6 and 24) were compared with the amino acid sequences of other nectin and Ig family members (SEQ ID NO:20, 22, and 25), using a multiple sequence alignment program. The alignment of these sequences is shown in Table 2, and includes consensus residues (capitalized), which are identical among at least a majority (three) of the five amino acid sequences in the alignment. In addition, lower case residues are shown on a separate line of Table 2 and represent residues that are not consensus residues, but are identical between human nectin-3α and human nectin-4 (SEQ ID Nos: 6 and 24). --

Please replace Table 2 beginning at page 7, line 7, with the following rewritten Table:

Table 2
Conserved Nectin Amino Acids

(Hs=Homo sapiens) (Mus=Murine)

(Wids-Widilic)					
Protein (SEO ID NO)				NA	
HUNECTIN2 ([SEQ ID NO:]22)	~~~~~~~	~~~~~~~	MARAAALLPS		
HUCD155 ([SEQ ID NO:]25)			~~~~~~~		
HUNECTIN1 ([SEQ ID NO:]20)		~~~~~~~	********		LALGLTA
HUNECTIN3 ([SEQ ID NO:]6)			SASLLGAGLL		
HUNECTIN4 ([SEQ ID NO:]24)	~~~~~~~	~~;~~~~~	~~~MPLSLG	AEMWGPEAWL	
consensus			1	<u>P</u> <u>W</u>	LLL LL f
			<u></u>	<u> </u>	
1	51				100
HUNECTIN2			LGGTVELPCH		
HUCD155			LGDSVTLPCY IGTDVVLHCS		
HUNECTIN1 HUNECTIN3			WGKNVSLKCL		
HUNECTIN4			LGQDAKLPCF		~
1101/1901 71/14	[cPG ag		LG V LPC		I OV W Rl
	PG		LG V LPC	_	I <u>OVTW</u> R
	<u>c</u> aq			_ 	
	101				150
HUNECTIN2		FHPKMGPSFP	SPKPGSERLS	FVSAKOSTGO	
HUCD155			ESKRLE		
HUNECTIN1			.LAPYRERVE		
HUNECTIN3			GEYQGRVL		
HUNECTIN4			PAYEGRVE		
	[g Q A	H yg sv			DAT]
	<u>Q VA</u>	<u>HP</u> <u>G</u> <u>SV</u>		_	$\overline{\mathtt{DAT}}$
L	<u>g</u>	<u> </u>	<u> </u>	<u>n</u>	

HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	LRMFGLRVED IRLSRLELED ITLHNIGFSD VLLRNAVQAD	EGNYTCLFVT EGVYICEFAT SGKYICKAVT EGEYECRVST EG Y C F T	FPKGSVRGMT FPQGSRSVDI FPTGNRESQL FPLGNAQSST FPAGSFQARL FP GS q FP GS	WLRVLAKPON NLTVMAKPTN TVTVLVEPTV RLRVLVPPLP LRVLAKP N	TAEVQKVQL. WIEGTQAVLR SLIKGPDSLI SLNPGP.ALE S E L]
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	TGEPVP AKKGQDDKVL DGGNETV EGOGLTL	MARCVSTGGR VATCTSANGK AAICIAATGK AASC.TAEGS	PPARISWLSS PPAQITWHSD PPSVVSWETR PVAHIDWEGD PAPSVTWDTE PPA I W PPA I W	LGGMPNTSQV LKGEARVPGD LGEMESTT VKGTTSSR	PGFLSGTVTV SGTPMAPVTV TSFPNETATI SFKHSRSAAV
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	251 TSRFTLVPSG TSLWILVPSS ISRYRLVPSR ISQYKLFPTR TSEFHLVPSR	RADGVTVTCK QVDGKNVTCK EAHQQSLACI FARGRRITCV SMNGQPLTCV A G TC A G TC	VEH. ESFEE VEH. ESFEK VNYHMDRFKE VKHP. ALEK VSHP. GLLQ V Hp FE V H FE	PQLLTVNLTVSLTLNV DIRYSFILDI DQRITHILHV d r iL V	300 RYPPEVSISG YYPPEVSISG QYEPEVTIEG QYAPEVSVTG
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	Y.DNN.WYLG F.DGN.WYLQ Y.DGN.WFVG LEDQNLWHIG IYD N WYLG	QNEATLTCDA RMDVKLTCKA RKGVNLKCNA REGAMLKCLS R gA LkC A R A L C A	RSNPEPTGYD RSNPEPTGYN DANPPATEYH DANPPPFKSV EGQPPPSYN. NPPPTY NPPPTY	WSTTMGPLPP WTTLNGSLPK WSRLDGQWPD WTRLDGPLPS WSTLdG LP WSTL G LP	GVEAQNRTLF GLLASDNTLH GVRVDGDTLG G AQG TL] G AOG TL
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	IR.PVDKPIN FKGPINYSLA FVHPLTFNYS F.PPLTTEHS	TTLICNVTNA GTYICEATNP GVYICKVTNS GIYVCHVSNE G YIC VTN GTYIC VTN	VGMGRAEQVI LGARQAELTV IGTRSGQVEV LGQRSDQKVI FSSRDSQVTV G R Q V G R Q V	QVKEGP NITEFPYTPS YISDPPTTTT DVLDPQEDSG EpP	LQPTIQWHPS
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	TADIEDLATE	PSE PPE PKKLPFPLST	PRDVG HSGISRN HGRRAGPVPT LATIKDDTIA SAS	AIIFLVLG AIIGGVAGSI TIIASVVGGA	ILVFLILLGI LLVLIVVGGI LFIVLVSVLA
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	451 SLAFILLRVR GIYFYWSKCS VVALRRRRHT GIFCYRRRRT	REVLWHCHLC FKGDYSTKKH FRGDYFAKNY	<u>P</u>	RN~~~~~~ GIPQHHPPMA QIDVLQQDEL	500 QVLGNGDPVF ~~~~~~ QNLQYPDDSD DSYP.DSV

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HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	.DEKKAGPLG .KKENKNP	P.DGKDEEEE ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	EEEGGGGGER LEEPEKTQWN	~~~~~~ KVGGPHPKYD NVENLNRFER	EDAKRPYFTV PMDYYEDLKM	-
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4		GDRTLGYQYD YDENEDDLVS QDEGIKQAMN DE I D E		SRREWYV	~~~~~	